



Patent
Attorney's Docket No. 030360-056

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
Andreas BERNKOP-SCHNURCH) Group Art Unit: 1619
Application No.: 09/830,986) Examiner: M. Willis
Filed: April 20, 2001)
For: MUCO-ADHESIVE POLYMERS,)
USE THEREOF AND METHOD FOR)
PRODUCING THE SAME)

REPLY AND AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In complete response to the Official Action dated September 25, 2001, please amend the application as follows:

IN THE CLAIMS

Please replace claims 48, 50, 53-55, 71, 72, 87 and 89-91 as follows.

48. (Amended) A method of enhancing permeation of active substances through
mucosa in an individual, said method comprising administering to said individual a
pharmaceutical composition comprising a mucoadhesive polymer having not more than 10
different monomers and at least one non-terminal thiol group in an amount effective for
enhancing permeation of active substances, and at least one active substance capable of being
taken up via a mucosa in a therapeutically effective amount.